MITSUBISHI-A172SHCPUN

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	mitsubishi-a172shcpun
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	100-240 VAC
Input Frequency	50/60 Hz
Output Voltage	5 VDC
Output Current	5 A
Control Axes	8 axes
RAM Capacity	192 kbytes
Program Capacity	30000 steps
Real I/O Points	1024 points
Dimensions	130 x 113.3 x 93.6 mm
Weight	0.85 kg

Description

The Mitsubishi A172SHCPUN is an advanced 8-axis motion controller designed for high-performance automation applications. Operating with an input voltage of 100 to 240 VAC at 50/60Hz, it delivers a 5V DC output at 5A, ensuring reliable power distribution.

This controller supports up to 8 control axes and offers a processing speed of 0.25 µs per step for sequence instructions, facilitating rapid and precise motion control. It boasts a built-in RAM capacity of 192 kbytes and can handle up to 30,000 steps in its main sequence program, accommodating complex automation tasks.

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The A172SHCPUN is engineered for seamless integration into Mitsubishi's MELSEC automation systems, providing robust and scalable solutions for industrial automation needs.

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